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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Louis Henry Martin Jandrell, et al.

Serial No.:

10/659,903

Filing Date:

September 11, 2003

Title:

METHOD AND SYSTEM FOR PROCESSING

POSITIONING SIGNALS IN A STAND-ALONE

MODE

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that this communication is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to Commissioner For Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Willie liles

Date: November 12, 2003.

Exp. Mail Receipt No. EV 323453886 US

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified divisional patent application. Copies of the references listed on page 7 of the attached PTO-1449 are enclosed for the convenience of the Examiner. No representation is made that a search has been made, that these references are material to the patentability of the present application, or that these references qualify as prior art.

Since the present Application was filed after June 30, 2003, a copy of any U.S. Patent and any U.S. Patent Application Publication cited on the attached PTO Form DAL01:759936.1

1449 is not being submitted with this Information Disclosure Statement pursuant to the July 11, 2003 waiver of 37 C.F.R. § 1.98(a)(2)(i) by the U.S. Patent and Trademark Office.

The present Information Disclosure Statement is being filed in a divisional application of U.S. Application Serial No. 09/908,011 (now U.S. Patent No. 6,628,234), filed July 18, 2001, by Applicants and entitled "Method and System for Processing Positioning Signals in a Stand-Alone Mode." Each document listed on pages 1–6 of the attached PTO Form 1449 was cited by or submitted to the U.S. Patent and Trademark office in the prior application as properly identified above. Therefore, pursuant to 37 C.F.R. § 1.98(d), a copy of each listed document need not be provided with the present Information Disclosure Statement.

Although Applicants believe no fee is due in connection with this Information Disclosure Statement, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted, BAKER BOTTS L.L.P.

Attorneys for Applicants

Terry J. Stalford

Registration No. 39,522

Dated: November 12, 2003

CUSTOMER NUMBER 05073

PTO-1449 Information Disclosure Citation Nov 1 2 2003 🕳 Application

Application No. 10/659,903 Docket Number

068796.0118

Applicant(s) Jandrell, et al.

Group Art Unit Unknown

Filing Date September 11, 2003

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	4,241,411	12/23/80	Krasner et al.	364	726	11/16/78
В	5,043,736	08/27/91	Darnell et al.	342	357	07/27/90
С	5,271,034	12/14/93	Abaunza	375	1	08/26/91
D	5,276,496	01/04/94	Heller et al.	356	141	10/30/92
Е	5,355,222	10/11/94	Heller et al.	356	375	05/15/92
F	5,387,993	02/07/95	Heller et al.	359	155	06/25/93
G	5,388,147	02/07/95	Grimes	379	59	08/30/93
Н	5,394,155	02/28/95	Rubin et al.	342	192	08/16/93
I	5,457,729	10/10/95	Hamann et al.	379	2	02/07/95
J	5,477,458	12/19/95	Loomis	364	449	01/03/94
K	5,479,482	12/26/95	Grimes	379	59	09/26/94
L	5,525,999	06/11/96	King et al.	342	357	11/28/94
M	5,548,637	08/20/96	Heller et al.	379	201	06/07/95
N	5,555,286	09/10/96	Tendler	379	59	08/14/95

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				.010.		YES	NO
0	GB 2 292 257 A	02/14/96	United Kingdom	H01Q	11/08	X	
P	WO 97/14054	04/17/97	PCT	G01S	5/14	X	
Q	WO 97/14056	04/17/97	PCT	G01S	5/14	X	
R	WO 97/21109	06/12/97	PCT	G01S	5/14	X	
	P Q	O GB 2 292 257 A P WO 97/14054 Q WO 97/14056	O GB 2 292 257 A 02/14/96 P WO 97/14054 04/17/97 Q WO 97/14056 04/17/97	O GB 2 292 257 A 02/14/96 United Kingdom P WO 97/14054 04/17/97 PCT Q WO 97/14056 04/17/97 PCT	O GB 2 292 257 A 02/14/96 United Kingdom H01Q P WO 97/14054 04/17/97 PCT G01S Q WO 97/14056 04/17/97 PCT G01S	O GB 2 292 257 A 02/14/96 United Kingdom H01Q 11/08 P WO 97/14054 04/17/97 PCT G01S 5/14 Q WO 97/14056 04/17/97 PCT G01S 5/14	DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS YES O GB 2 292 257 A 02/14/96 United Kingdom H01Q 11/08 X P WO 97/14054 04/17/97 PCT G01S 5/14 X Q WO 97/14056 04/17/97 PCT G01S 5/14 X

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S	Carlson, A.B., "Communication Systems" 1986, McGraw-Hill, Third Edition, 1986 pp. 106-113, ISBN 0-07-100560-9, XP002195669, 8 pages.	1986
T	U.S. Patent Application Serial No. 09/421,427, entitled "An Apparatus and Method for Geolocating a Remote Device," filed October 19, 1999, 45 pages. (068796.0107)	10/19/99

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

U.S. PATENT AND TRADEMARK OFFICE

PTO-1449

Application No. 10/659,903

Docket Number 068796.0118

Applicant(s)

Jandrell, et al.

Filing Date
September 11, 2003

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100	25176	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	Α	5,572,195	11/05/96	Heller et al.	340	825.35	08/01/94
	В	5,587,716	12/24/96	Sheynblat	342	357	09/29/95
	С	5,606,736	02/25/97	Hasler et al.	455	314	11/09/94
	D	5,638,379	06/10/97	Narasimha et al.	371	5.4	06/06/95
	Е	5,646,519	07/08/97	Hamilton et al.	324	76.82	06/07/95
	F	5,654,717	08/05/97	Nichols et al.	342	357	08/03/95
	G	5,659,596	08/19/97	Dunn	455	456	04/12/95
	Н	5,663,734	09/02/97	Krasner	342	357	03/08/96
	I	5,686,925	11/11/97	Maeda et al.	342	357	06/28/95
	J	5,689,238	11/18/97	Cannon, Jr. et al.	340	568	03/08/96
	K	5,689,271	11/18/97	Lennen	342	357	05/03/96
	L	5,691,726	11/25/97	Nichols et al.	342	357	09/23/96
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						YES	NO
M	WO 98/34128	08/06/98	PCT	G01S	5/14	X	
N	2,260,762	05/19/98	Canada	H04Q	9/00	X	-
0	WO 98/02973	01/22/98	PCT	H04B	1/707	X	
 P	WO 98/53573	11/26/98	PCT	H04L		X	
Q	WO 99/53338	10/21/99	PCT	G01S	5/14	X	-

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R	U.S. Patent Application Serial No. 09/421,188, entitled "An Apparatus and Method for Geolocating a Remote Device Making an Emergency Call," filed October 19, 1999, 22 pages. (068796.0108)	10/19/99
S	U.S. Patent Application Serial No. 09/909,274, entitled "Method and System for Processing Positioning Signals with Matching Assistance," filed July 18, 2001, 142 pages. (068796.0102)	07/18/01

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U.S. PATENT AND TRADEMARK OFFICE

O | P | Information Disclosure Citation Nov 1 2 2003 In an Application

PTO-1449

Application No. 10/659,903	Applicant(s) Jandrell, 6	et al.
Docket Number 068796.0118	Group Art Unit Unknown	Filing Date September 11, 2003

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A	5,734,966	03/31/98	Farrer et al.	455	63	01/20/95
В	5,740,538	04/14/98	Joyce et al.	455	456	01/05/96
C	5,751,777	05/12/98	Zampetti	375	376	05/03/96
D	5,764,704	06/09/98	Shenoi	375	324	06/17/96
E	5,781,156	07/14/98	Krasner	342	357	04/23/97
F	5,812,087	09/22/98	Krasner	342	357	02/03/97
G	5,825,327	10/20/98	Krasner	3,42	357	10/07/96
Н	5,828,670	10/27/98	Narasimha et al.	370	516	06/06/95
I	5,831,574	11/03/98	Krasner	342	357	10/07/96
J	5,831,577	11/03/98	Nichols et al.	342	357	07/28/97
K	5,832,375	11/03/98	Leisten et al.	455	314	11/14/96
L	5,841,396	11/24/98	Krasner	342	357	12/04/96
M	5,854,608	12/29/98	Leisten	343	895	12/06/94
N	5,859,621	01/12/99	Leisten	343	895	02/21/97

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	, 2000, 22, 110,				YES	NO	
0	WO 99/56144	11/04/99	PCT	G01S	5/14	X	
P	WO 99/56145	11/04/99	PCT	G01S	5/14	X	
Q	EP 1 014 107 A2	06/28/00	EPO	G01S	11/06	Х	
R	JP 405264714	10/93	Japan	G01S	5/14		X

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DATE CONSIDERED **EXAMINER**

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U.S. PATENT AND TRADEMARK OFFICE

Applicant(s) Application No. PTO-1449 Jandrell, et al. 10/659,903 Filing Date Docket Number Group Art Unit O Information Disclosure Citation September 11, 2003 068796.0118 Unknown n an Application NOV 1 2 2003

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Α	5,873,048	02/16/99	Yun	455	562	07/27/95
В	5,874,914	02/23/99	Krasner	342	357	03/08/96
С	5,884,214	03/16/99	Krasner	701	207	09/06/96
D	5,890,068	03/30/99	Fattouche et al.	455	456	10/03/96
Е	5,897,605	04/27/99	Kohli et al.	701	213	04/25/96
F	5,899,957	05/04/99	Loomis	701	214	03/10/97
G	5,900,838	05/04/99	Khan et al.	342	457	07/07/97
Н	5,901,171	05/04/99	Kohli et al.	375	200	04/25/96
I	5,909,640	06/01/99	Farrer et al.	455	63	10/06/97
J	5,912,644	06/15/99	Wang	342	457	08/05/97
K	5,913,170	06/15/99	Wortham	455	457	11/16/94
L	5,917,383	06/29/99	Tso et al.	331	57	11/26/97
M	5,918,181	06/29/99	Foster et al.	455	456	10/15/96
N	5,926,745	07/20/99	Threadgill et al.	455	12.1	08/21/96
0	5,929,752	07/27/99	Janky et al.	340	426	03/11/97
P	5,943,381	08/24/99	Zampetti	375	376	05/02/97

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U.S. PATENT AND TRADEMARK OFFICE

Docket Number O68796.0118 Unknown Filing Date September 11, 2 O68796.0118 O68796.0118	ΓΟ-14	149		Application No. 10/659,903		Applicant(s) Jandrell, et al.			
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A 5,945,944 08/31/99 Krasner 342 357.06 04/24/9 B 5,945,963 08/31/99 Leisten 343 895 06/13/9 C 5,963,180 10/05/99 Leisten 343 895 08/01/9 D 5,999,124 12/07/99 Sheynblat 342 357.09 04/22/9 E 6,002,363 12/14/99 Krasner 342 357.1 05/23/9 F 6,014,109 01/11/00 Raby 343 765 02/11/9 G 6,016,119 01/18/00 Krasner 342 357.06 09/28/9 H 6,040,798 03/21/00 Kinal et al. 342 357.01 10/15/9 I 6,041,280 03/21/00 Kohli et al. 701 201 04/25/9 J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLA: YES		<u>4</u>	Ţ	J.S. PATENT DOCUM	IENTS				
B 5,945,963 08/31/99 Leisten 343 895 06/13/9 C 5,963,180 10/05/99 Leisten 343 895 08/01/9 D 5,999,124 12/07/99 Sheynblat 342 357.09 04/22/9 E 6,002,363 12/14/99 Krasner 342 357.1 05/23/9 F 6,014,109 01/11/00 Raby 343 765 02/11/9 G 6,016,119 01/18/00 Krasner 342 357.06 09/28/9 H 6,040,798 03/21/00 Kinal et al. 342 357.01 10/15/9 I 6,041,280 03/21/00 Kohli et al. 701 201 04/25/9 J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS TRANSLAY YES P Q DOCUMENT (Including Author, Title, Source, and Pertinent Pages) DATE	ייייייייייייייייייייייייייייייייייייייי	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING	G DATE	
C 5,963,180 10/05/99 Leisten 343 895 08/01/9 D 5,999,124 12/07/99 Sheynblat 342 357.09 04/22/9 E 6,002,363 12/14/99 Krasner 342 357.1 05/23/9 F 6,014,109 01/11/00 Raby 343 765 02/11/9 G 6,016,119 01/18/00 Krasner 342 357.06 09/28/9 H 6,040,798 03/21/00 Kinal et al. 342 357.01 10/15/9 I 6,041,280 03/21/00 Kohli et al. 701 201 04/25/9 J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 K 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS P	Α	5,945,944	08/31/99	Krasner	342	357.06	04/2	4/97	
D 5,999,124 12/07/99 Sheynblat 342 357.09 04/22/9 E 6,002,363 12/14/99 Krasner 342 357.1 05/23/9 F 6,014,109 01/11/00 Raby 343 765 02/11/9 G 6,016,119 01/18/00 Krasner 342 357.06 09/28/9 H 6,040,798 03/21/00 Kinal et al. 342 357.01 10/15/9 I 6,041,280 03/21/00 Kohli et al. 701 201 04/25/9 J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 03/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS P	В	5,945,963	08/31/99	Leisten	343	895	06/13/96		
E 6,002,363 12/14/99 Krasner 342 357.1 05/23/9 F 6,014,109 01/11/00 Raby 343 765 02/11/9 G 6,016,119 01/18/00 Krasner 342 357.06 09/28/9 H 6,040,798 03/21/00 Kinal et al. 342 357.01 10/15/9 I 6,041,280 03/21/00 Kohli et al. 701 201 04/25/9 J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.06 05/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLA YES	С	5,963,180	10/05/99	Leisten	343	895	08/01/96		
F 6,014,109 01/11/00 Raby 343 765 02/11/9 G 6,016,119 01/18/00 Krasner 342 357.06 09/28/9 H 6,040,798 03/21/00 Kinal et al. 342 357.01 10/15/9 I 6,041,280 03/21/00 Kohli et al. 701 201 04/25/9 J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLATE P Q DOCUMENT (Including Author, Title, Source, and Pertinent Pages) DATE R DOCUMENT (Including Author, Title, Source, and Pertinent Pages) DATE DATE DATE DOCUMENT DATE	D	5,999,124	12/07/99	Sheynblat	342	357.09	04/22/98		
G 6,016,119 01/18/00 Krasner 342 357.06 09/28/9 H 6,040,798 03/21/00 Kinal et al. 342 357.01 10/15/9 I 6,041,280 03/21/00 Kohli et al. 701 201 04/25/9 J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLATYES P Q DOCUMENT (Including Author, Title, Source, and Pertinent Pages) DATE R DOCUMENT (Including Author, Title, Source, and Pertinent Pages) DATE R DOCUMENT (Including Author, Title, Source, and Pertinent Pages) DATE DATE COUNTRY CLASS C	E	6,002,363	12/14/99	Krasner	342	357.1	05/2	3/96	
H 6,040,798 03/21/00 Kinal et al. 342 357.01 10/15/9 I 6,041,280 03/21/00 Kohli et al. 701 201 04/25/9 J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS P	F	6,014,109	01/11/00	Raby	343	765	02/1	1/98	
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J 6,044,257 03/28/00 Boling et al. 455 404 03/19/9 K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS P CLASS SUBCLASS TRANSLAY P Q TRANSLAY P Q DOCUMENT (Including Author, Title, Source, and Pertinent Pages) DATE	Н	6,040,798	03/21/00	Kinal et al.	342	357.01	10/1	5/96	
K 6,052,081 04/18/00 Krasner 342 357.02 05/07/9 L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLAY YES P	I	6,041,280	03/21/00	Kohli et al.	701	201	04/2	04/25/96	
L 6,061,018 05/09/00 Sheynblat 342 357.06 05/05/9 M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLATED P	J	6,044,257	03/28/00	Boling et al.	455	404	03/1	03/19/98	
M 6,064,336 05/16/00 Krasner 342 357.05 08/05/9 N 6,100,806 08/08/00 Gaukel 340 573.4 07/07/9 O 6,104,340 08/15/00 Krasner 342 357.1 08/24/9 FOREIGN PATENT DOCUMENTS DOCUMENT NO. DATE COUNTRY CLASS SUBCLASS TRANSLAY P Q	K	6,052,081	04/18/00	Krasner	342	357.02	05/0	05/07/98	
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